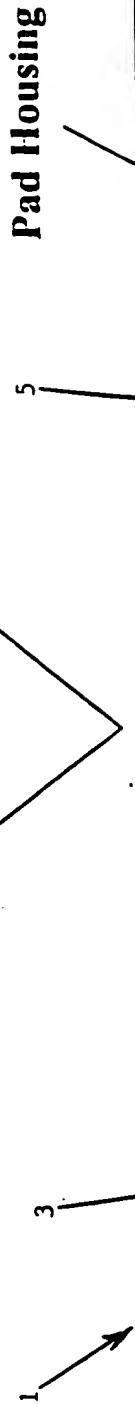


Multiple selectable field generator pad having 40 (A_{ij} , $i=1-5$, $j=1-8$) individually powered and controlled cells

Patent No. 5,438,330



Pad Housing

A-11	A-12	A-13	A-14	A-15	A-16	A-17	A-18
A-21	A-22	A-23	A-24	A-25	A-26	A-27	A-28
A-31	A-32	A-33	A-34	A-35	A-36	A-37	A-38
A-41	A-42	A-43	A-44	A-45	A-46	A-47	A-48
A-51	A-52	A-53	A-54	A-55	A-56	A-57	A-58

FIG. 1

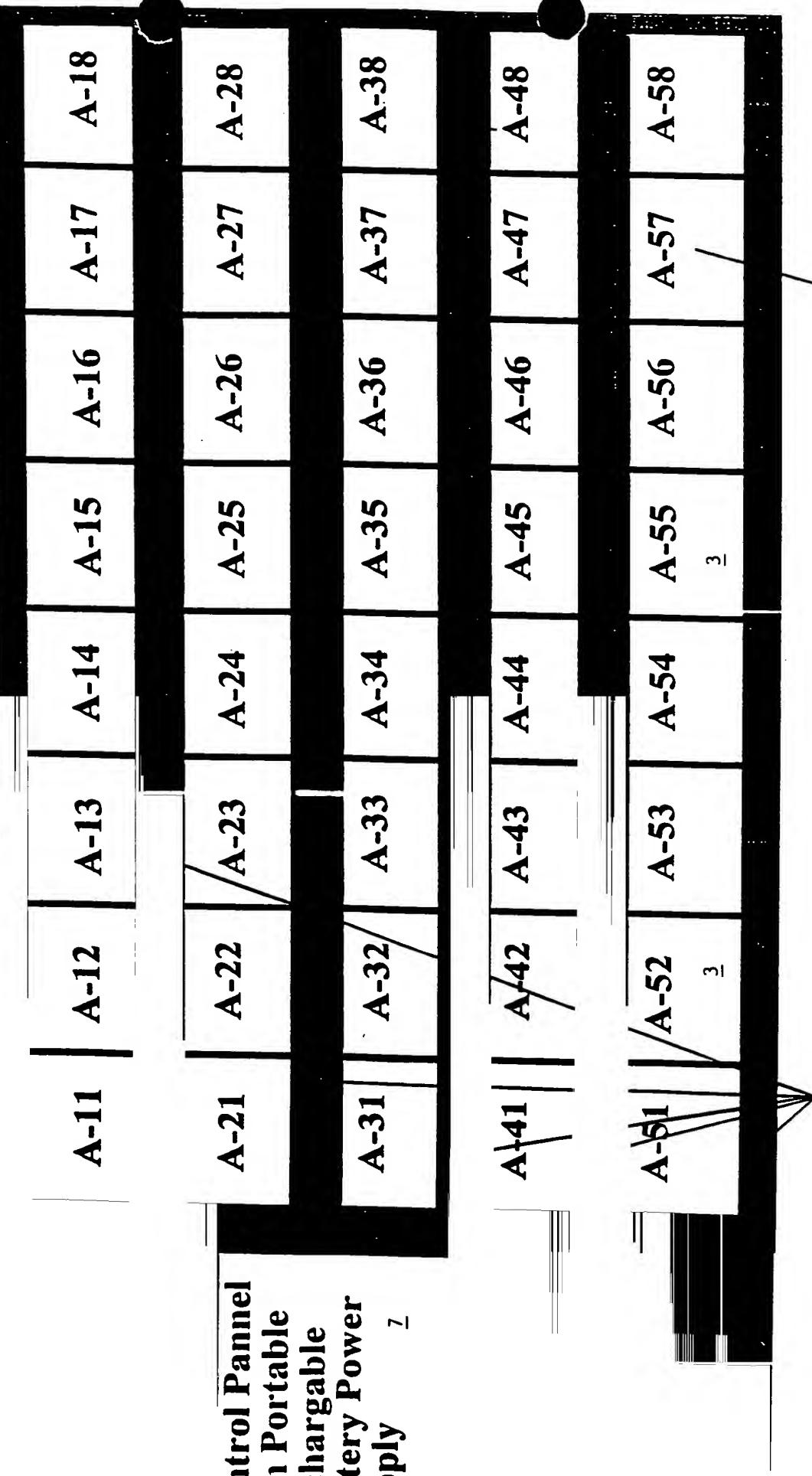
Individual Cell A_{ij} where $i=5$, $j=7$

Multiple selectable field generator path having 40 (Λ -ij, i=1-5, j=1-8) individual,remotely powered and controlled cells

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FIG. 2

The diagram shows a triangular shape representing a 'Pad Housing'. A horizontal line with an arrow points to the right from the top vertex. Three lines extend from the top vertex to the left, each ending in a small horizontal tick mark. These lines are labeled with numbers: '1' is at the top tick, '3' is at the middle tick, and '5' is at the bottom tick. The text 'Pad Housing' is written vertically to the left of the triangle.

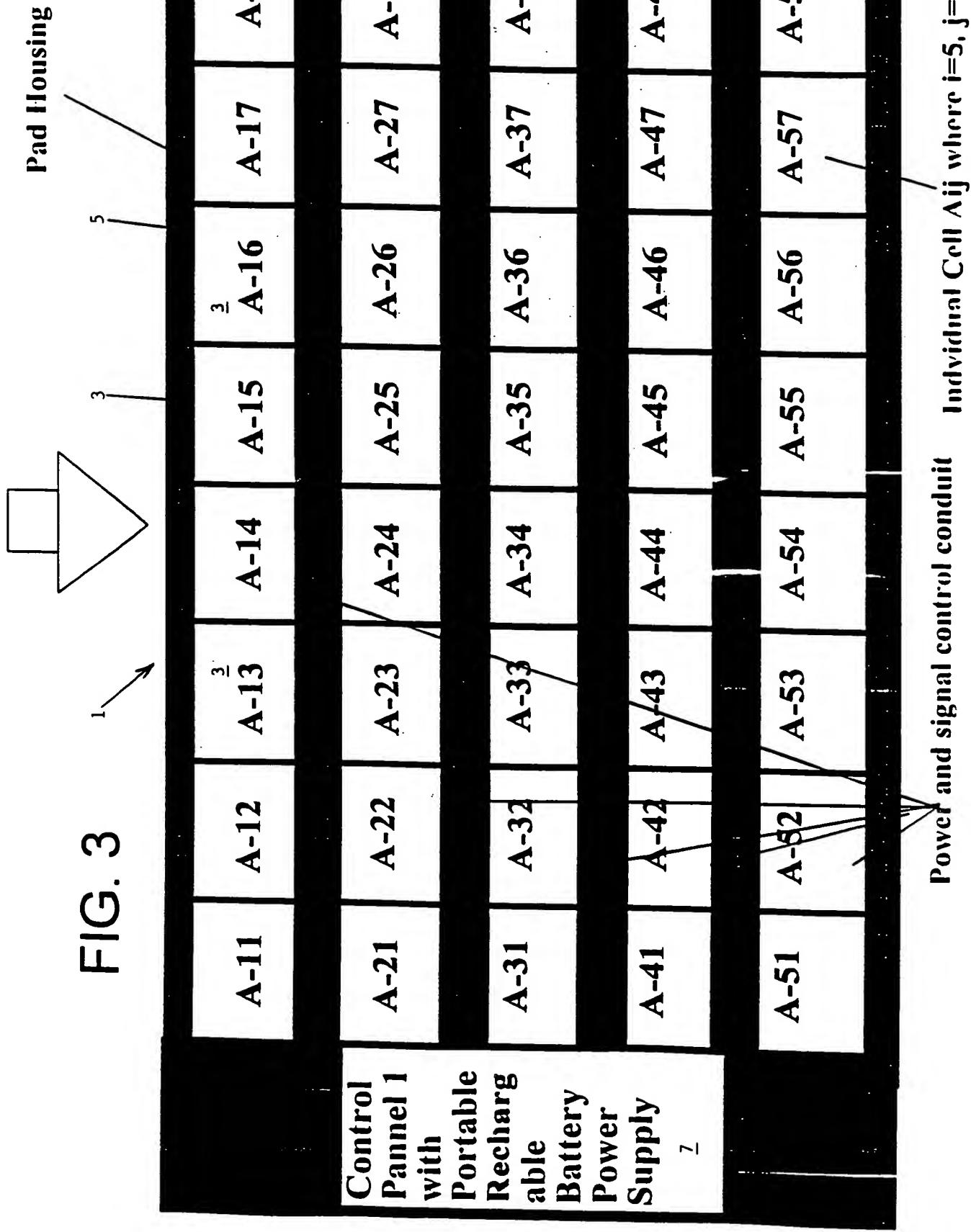


Power and signal control conduit

Individual Cell A_{ij} where $i=5, j=7$

Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual,remotely powered and controlled cells

FIG. 3



Multiple selectable field generator pad having 40 (A-ij, i=1-5, j=1-8) individual, pad powered and controlled cells

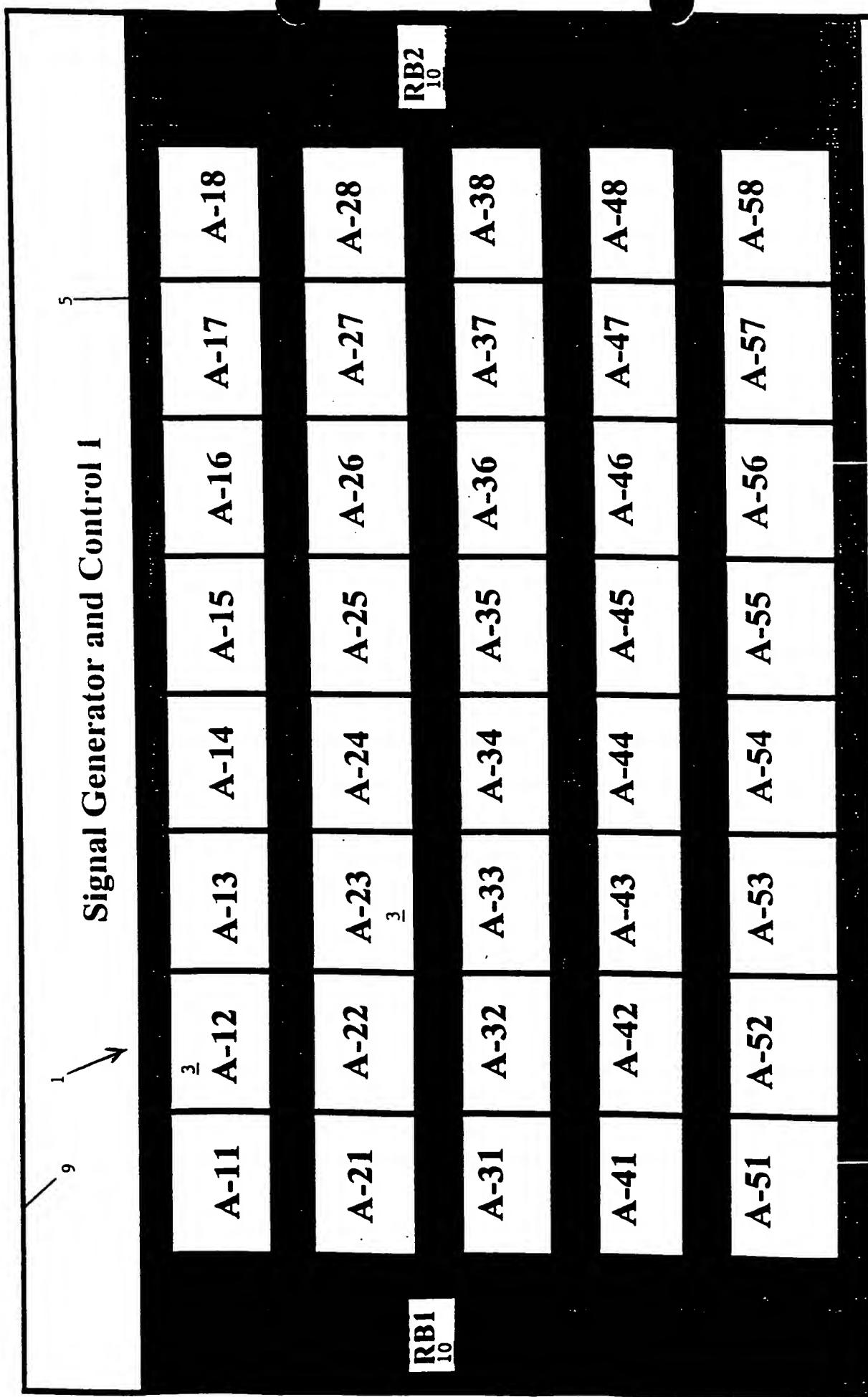
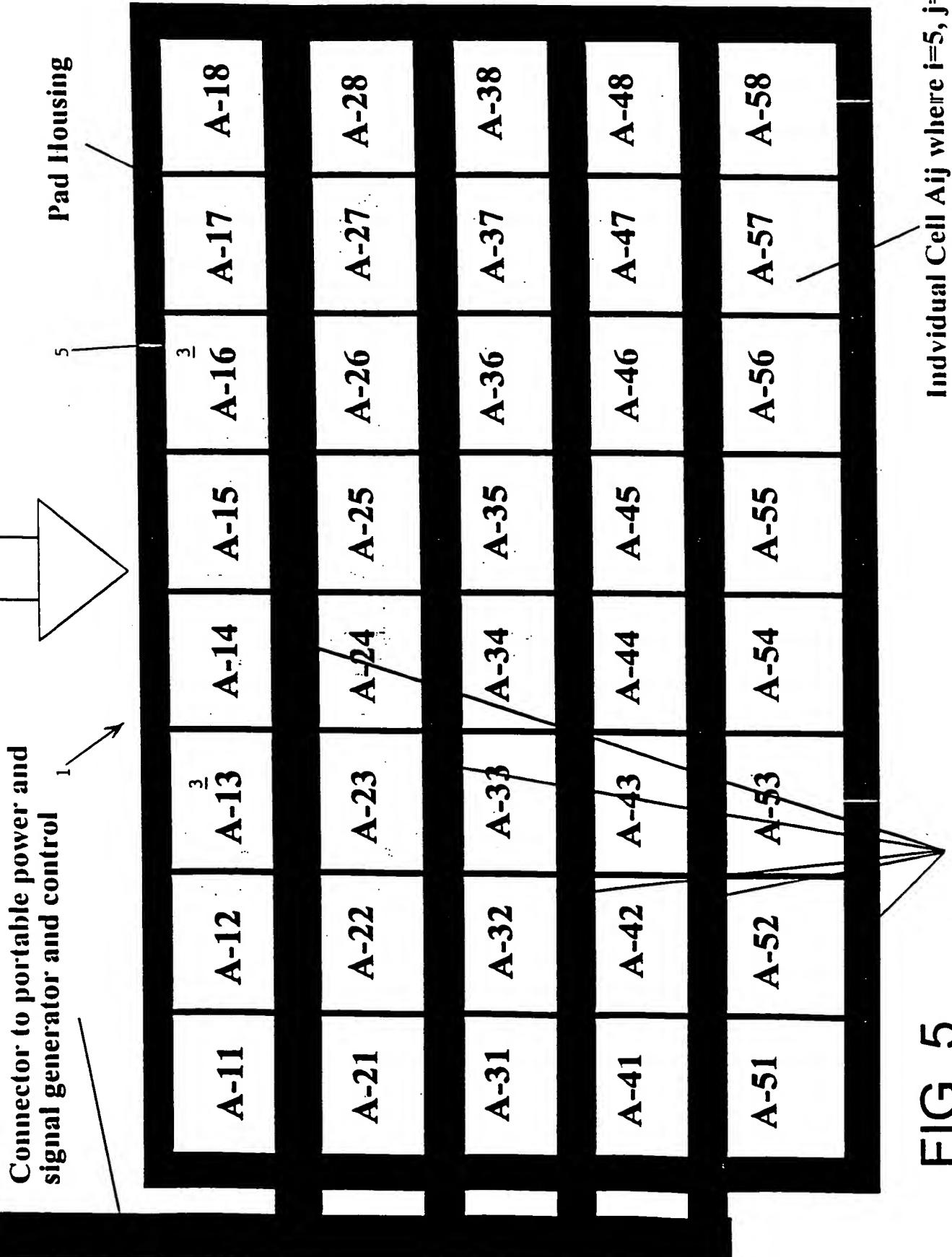


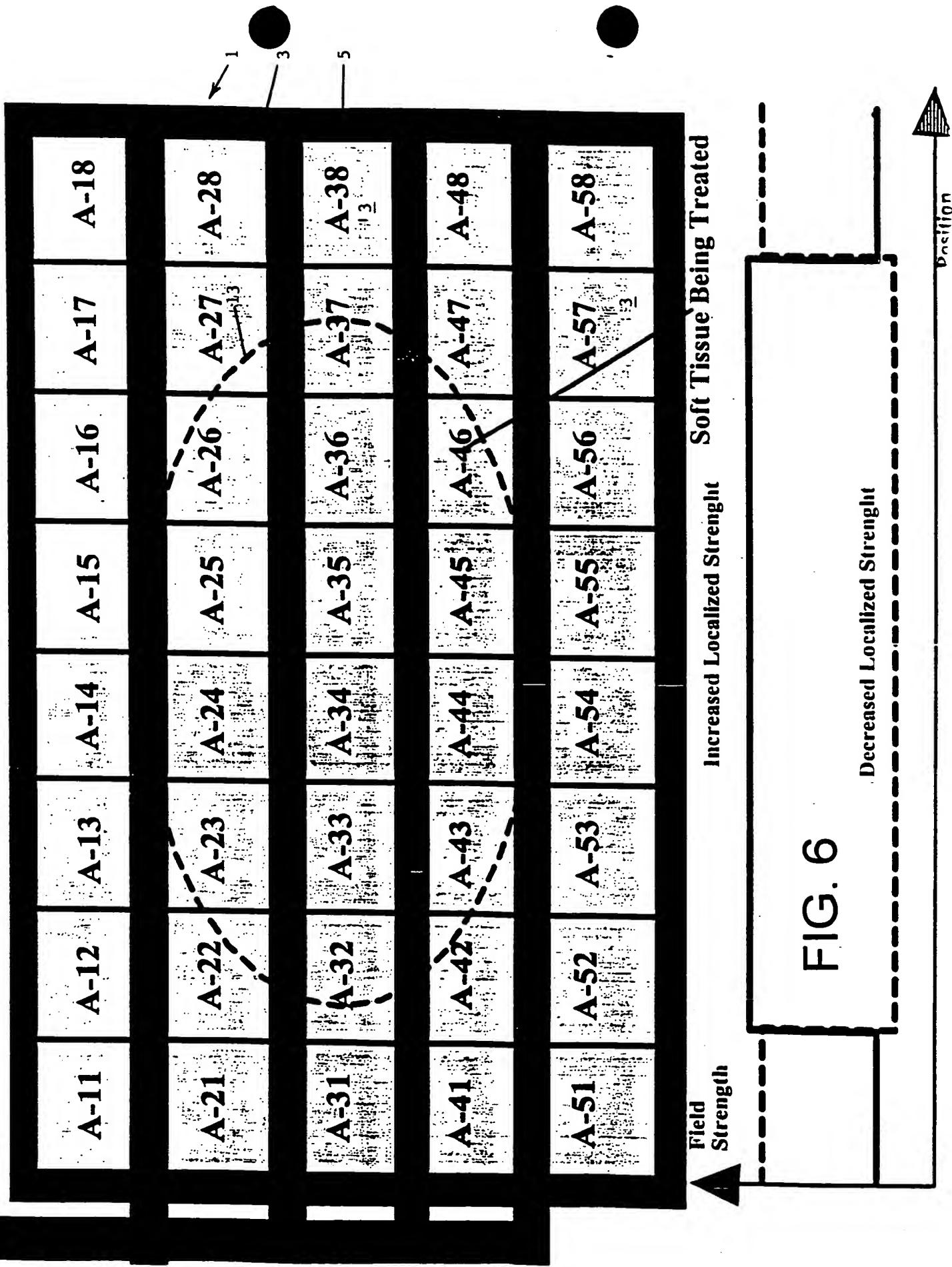
FIG. 4 Signal Generator and Control 2

Multiple selectable field generator pad having 40 ($\lambda - y$, $1 - 1 - z$, $1 - 1 - g$) individual, remotely powered and controlled cells



5
EIG
II

Power and signal control conduit



6
FIG.

FIG. 7

17 16 15 14 13 12 11

13
Soft Tissue Being Treated

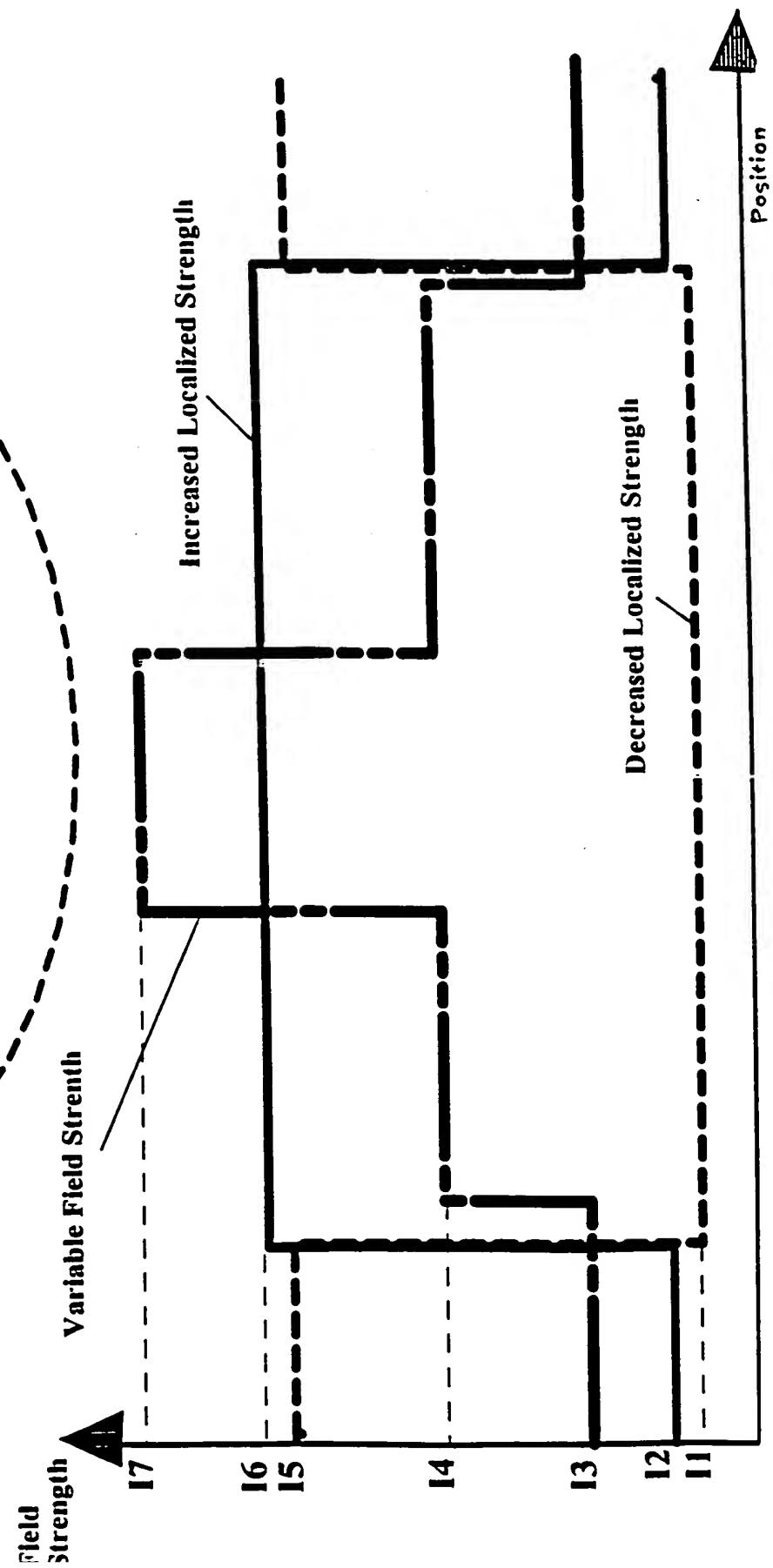


FIG. 8

Soft Tissue Being Treated

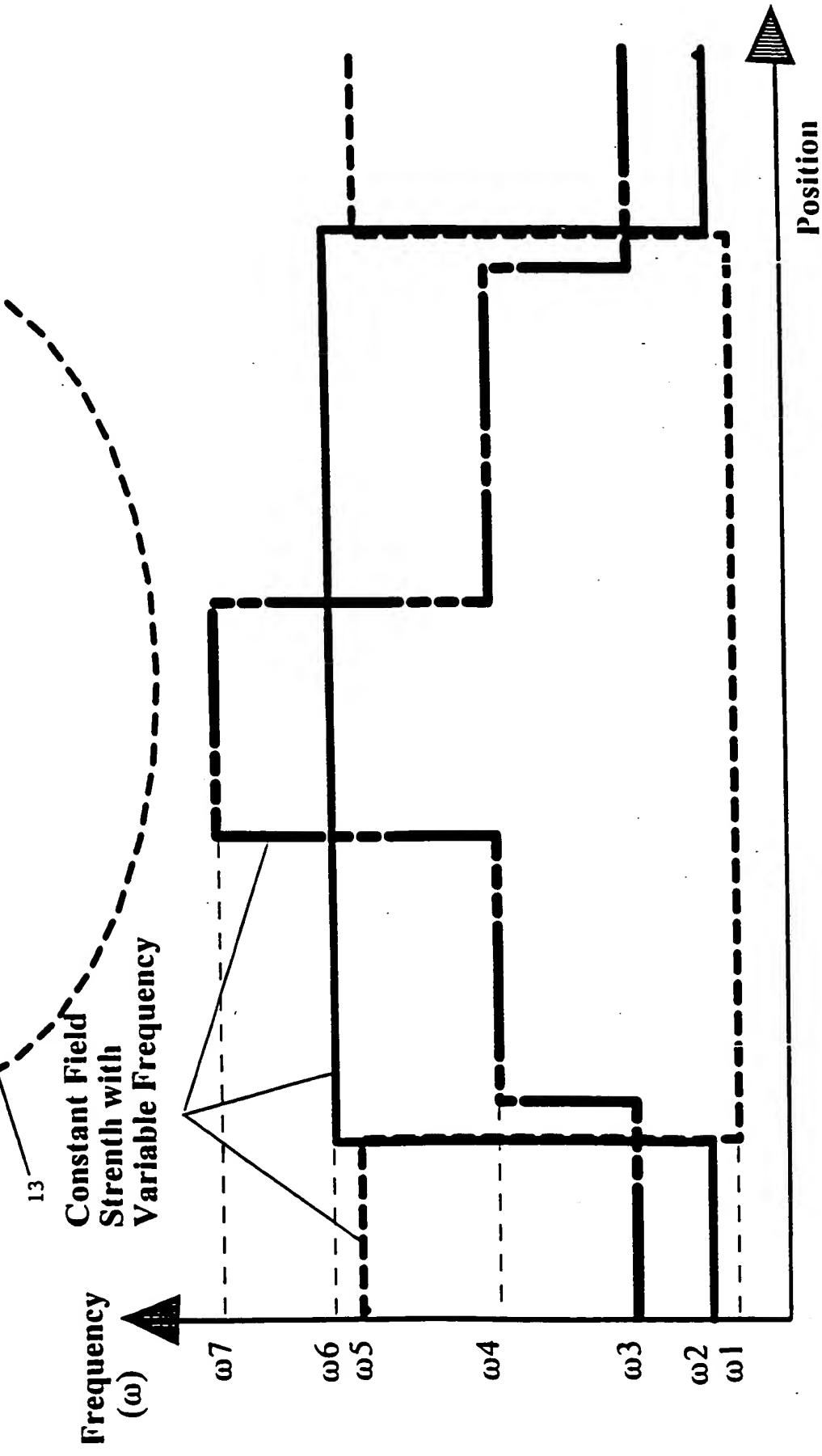
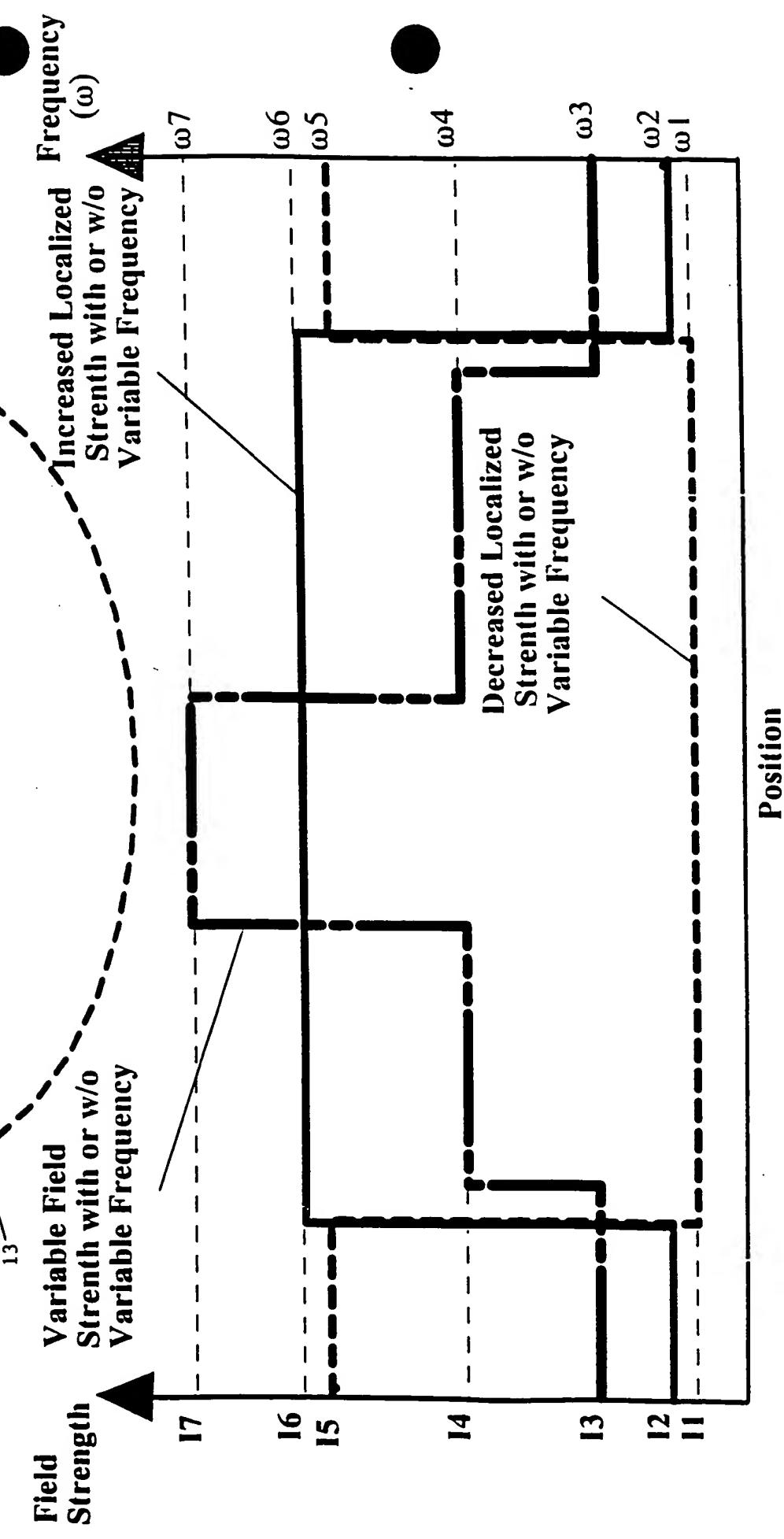


FIG. 9

Soft Tissue Being Treated



Self Contained EM/RF/Magnet Field Unit Cell

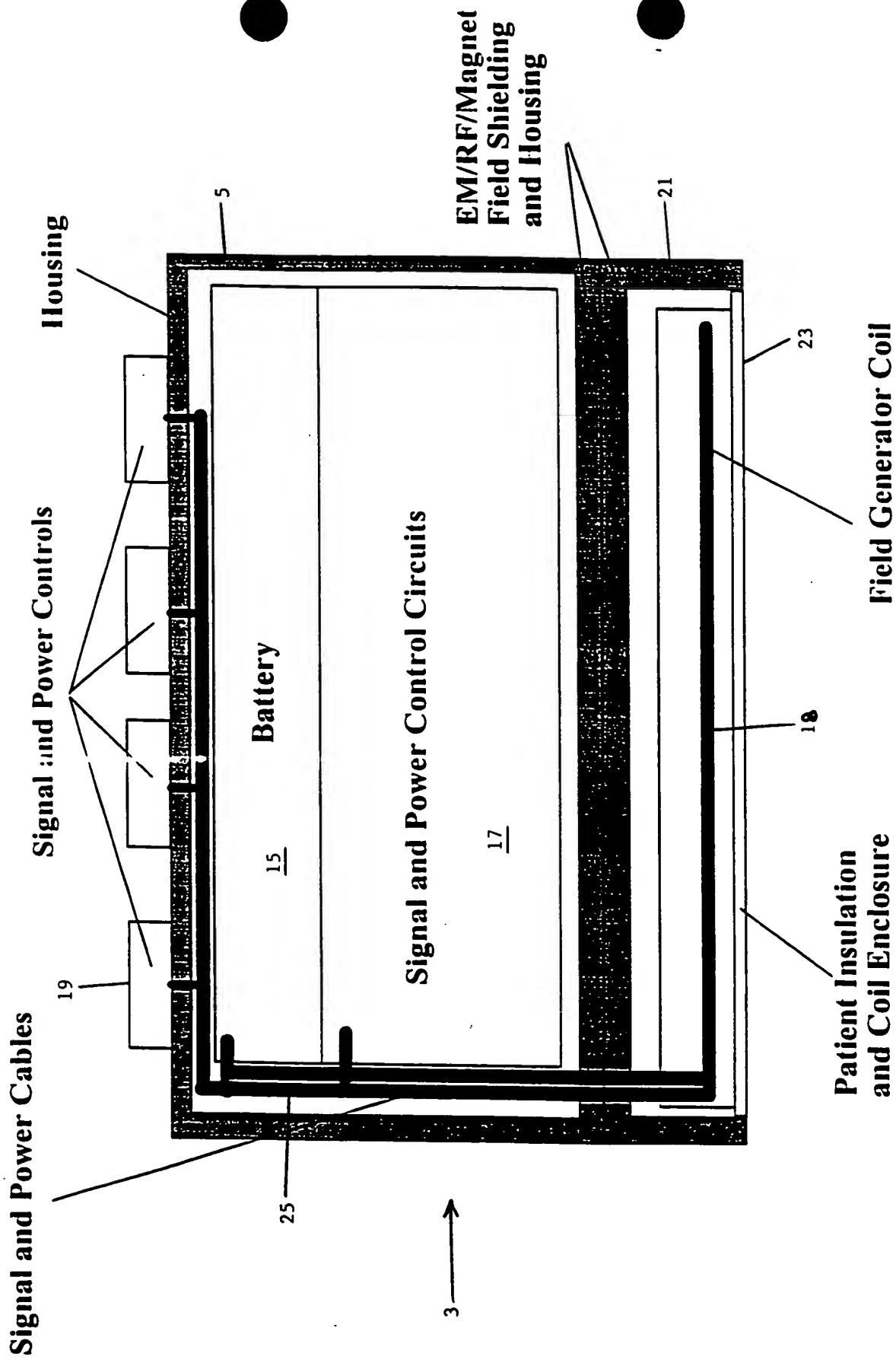


FIG. 10

Self Contained Current-Voltage Unit Cell

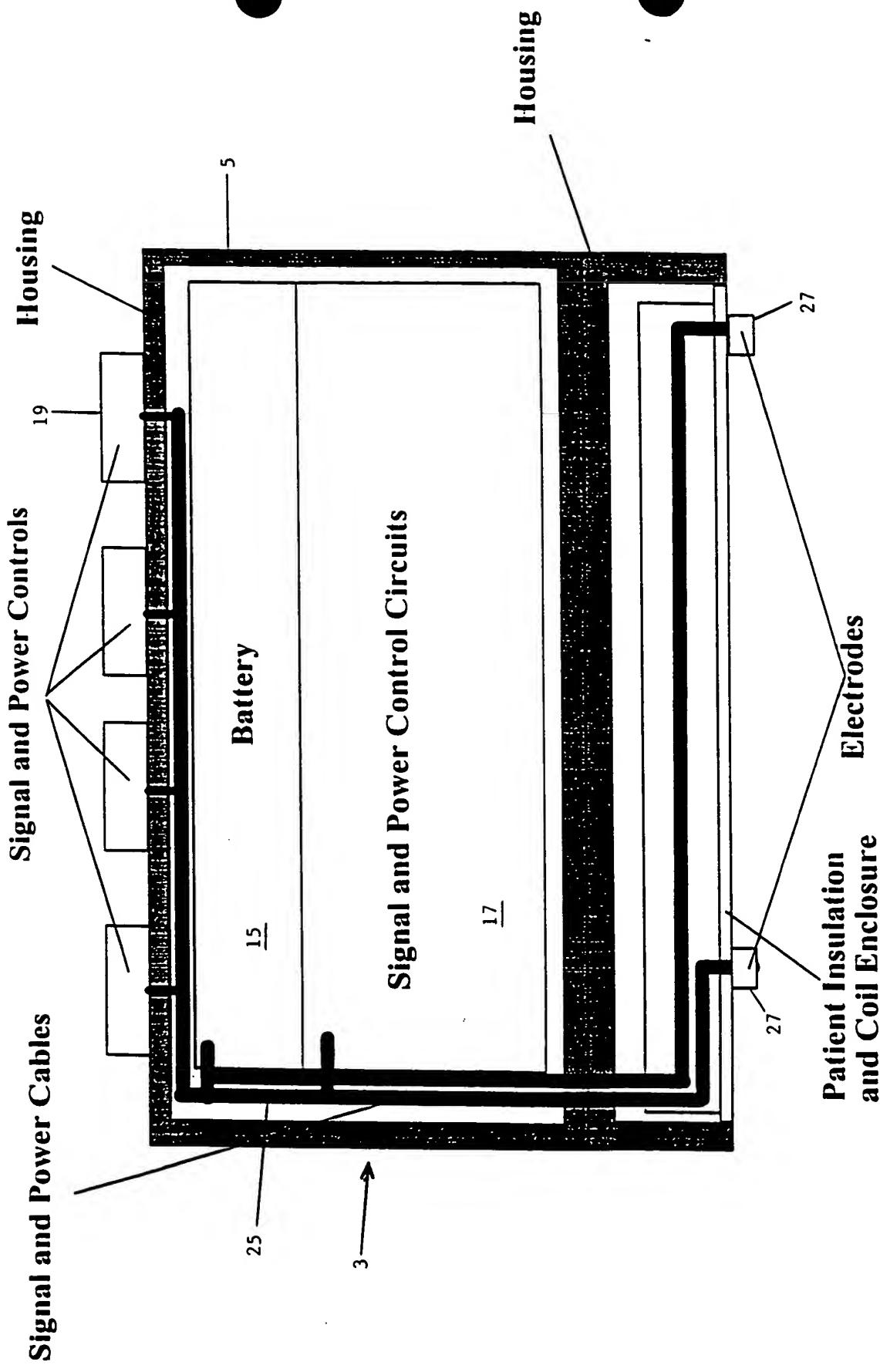


FIG. 11

Remote Controlled EM/RF/Magnet Field Unit Cell

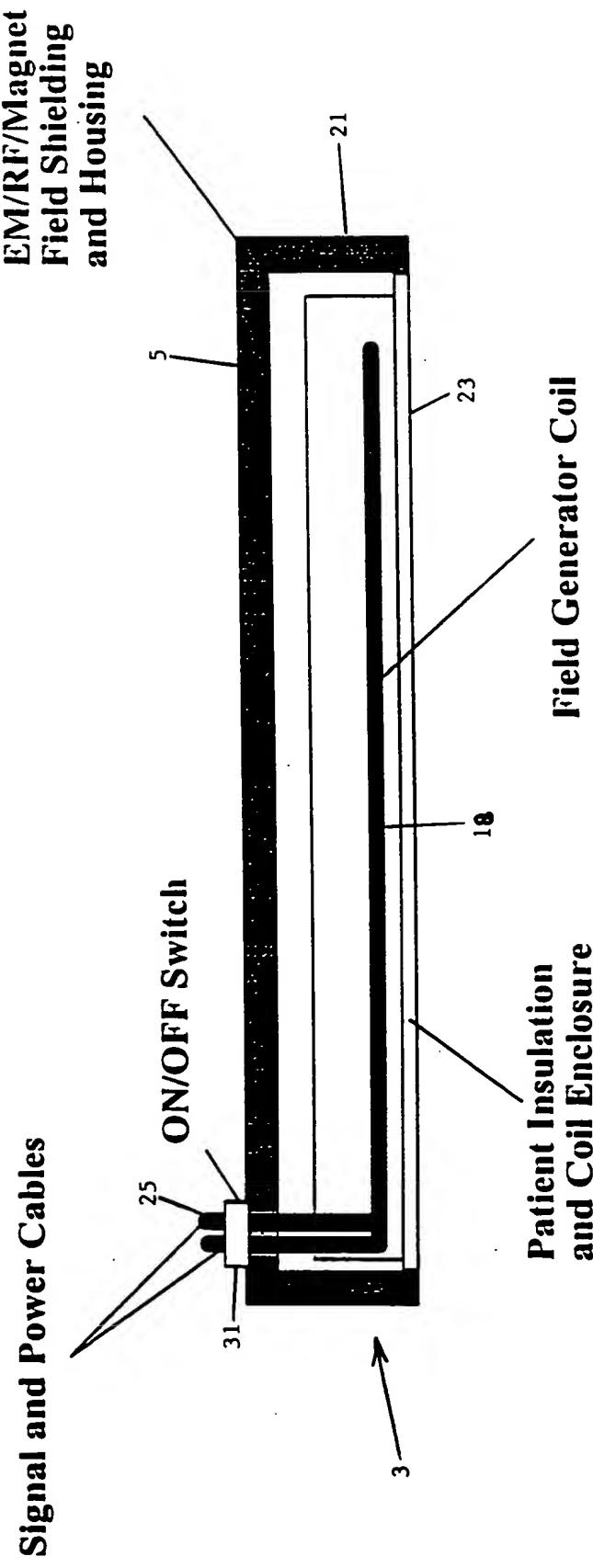
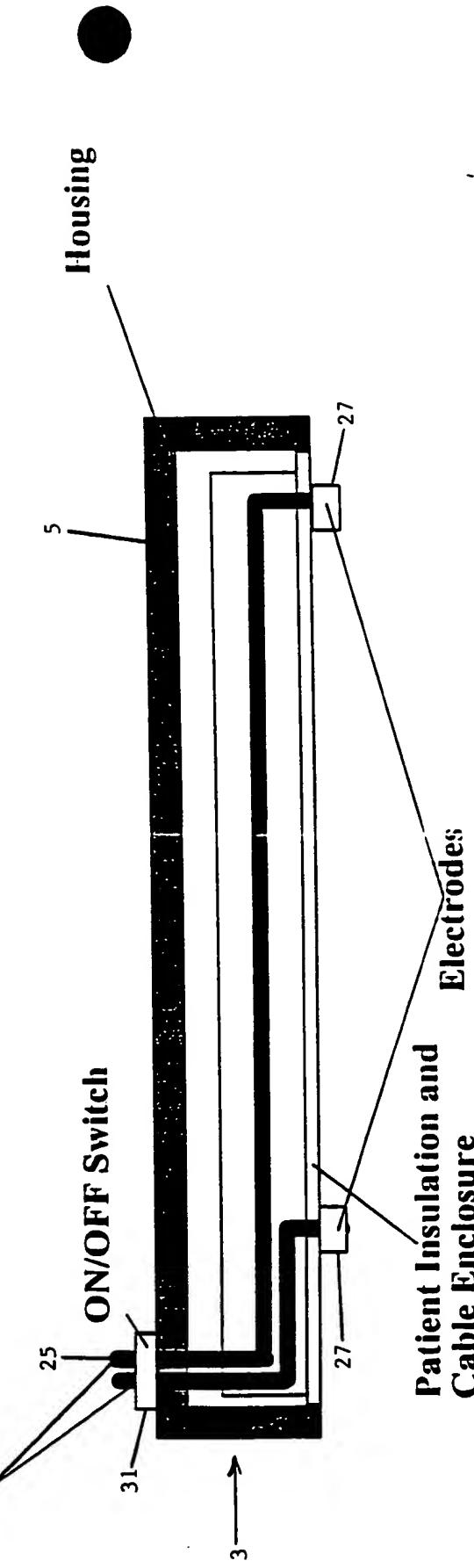


FIG. 12

Remote Controlled Current-Voltage Unit Cell

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Signal and Power Cables



13
FIG.

Remote Controlled/Self Contained Flexible/Cylindrically Shaped
Multiple Unit Cell for Bone Regrowth and Other Applications
Having Any Type Activated Region Having Multiple
Field/Current-Voltage Control Sensors

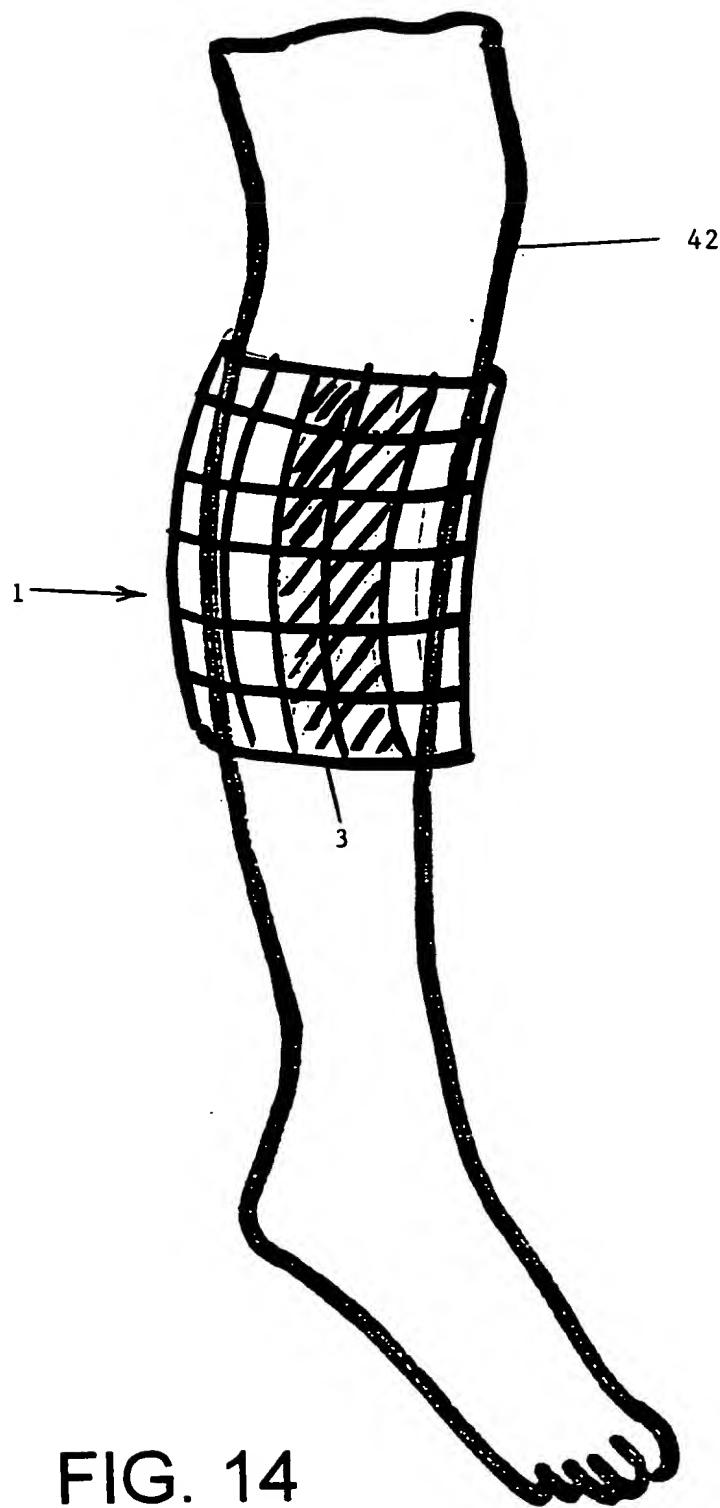


FIG. 14

UNIT CELL, REMOTE CONTROLLED / SELF CONTAINED FLEXIBLE/CYLINDRICALLY SHAPED

**Remote Controlled / Self Contained Flexible/Cylindrically Shaped
Unit Cell for Bone regrowth and Other Applications**

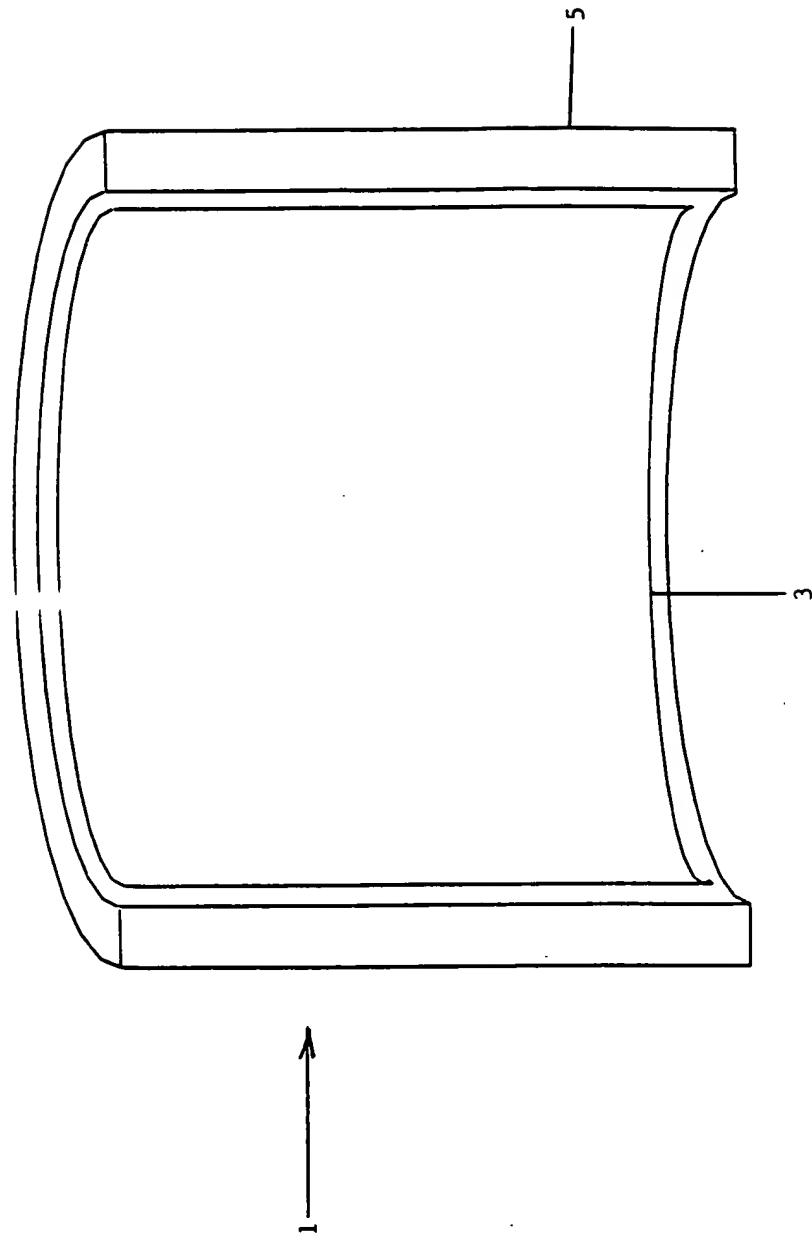
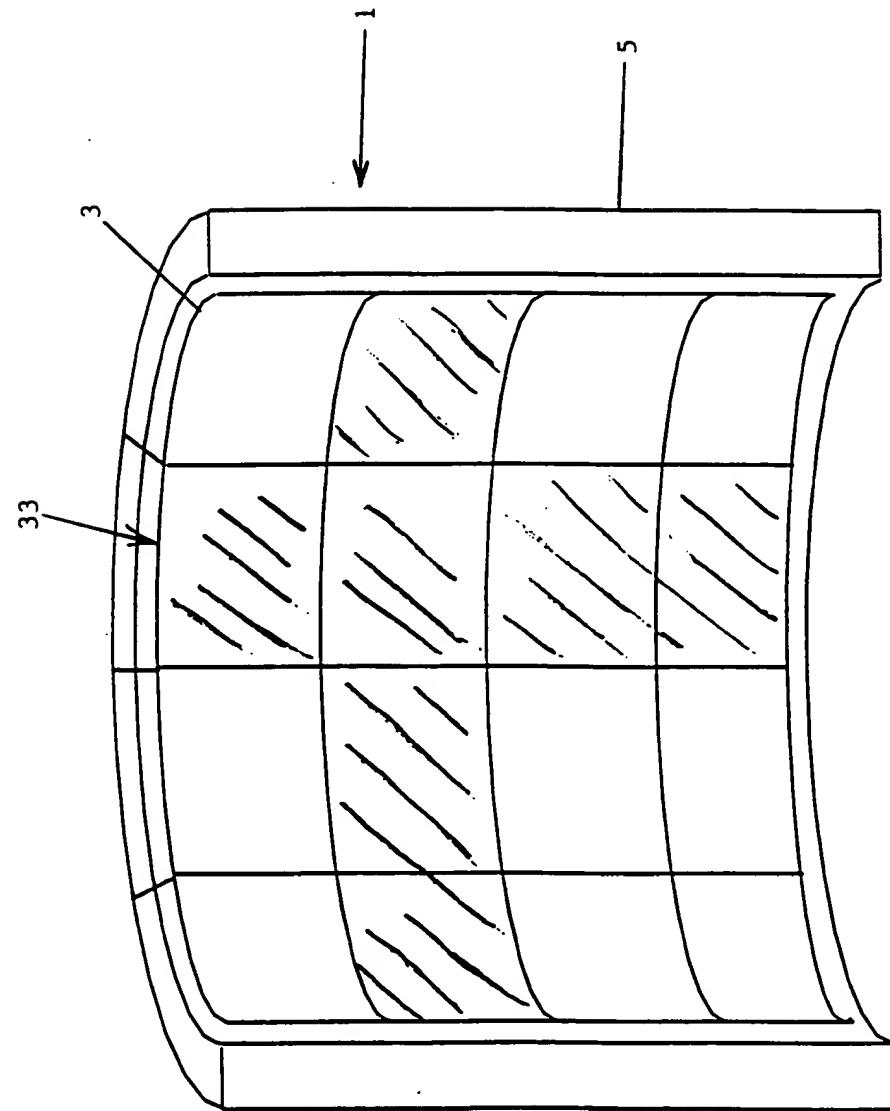


FIG. 15

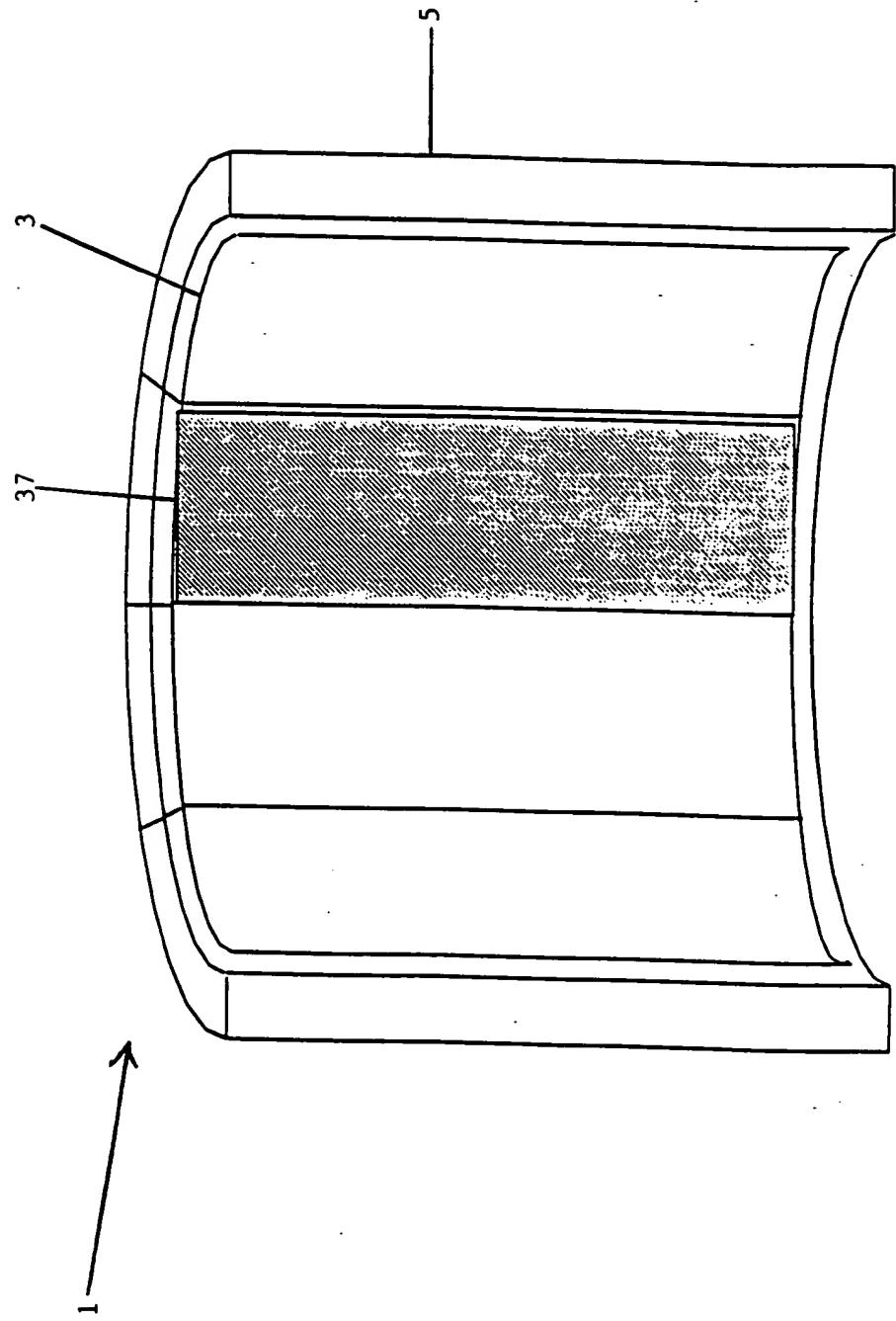
Remote Controlled/Self Contained Flexible/Cylindrically Shaped
Multiple Unit Cell for Bone Regrowth and Other Applications
Having Cross Type Activated Region

FIG. 16



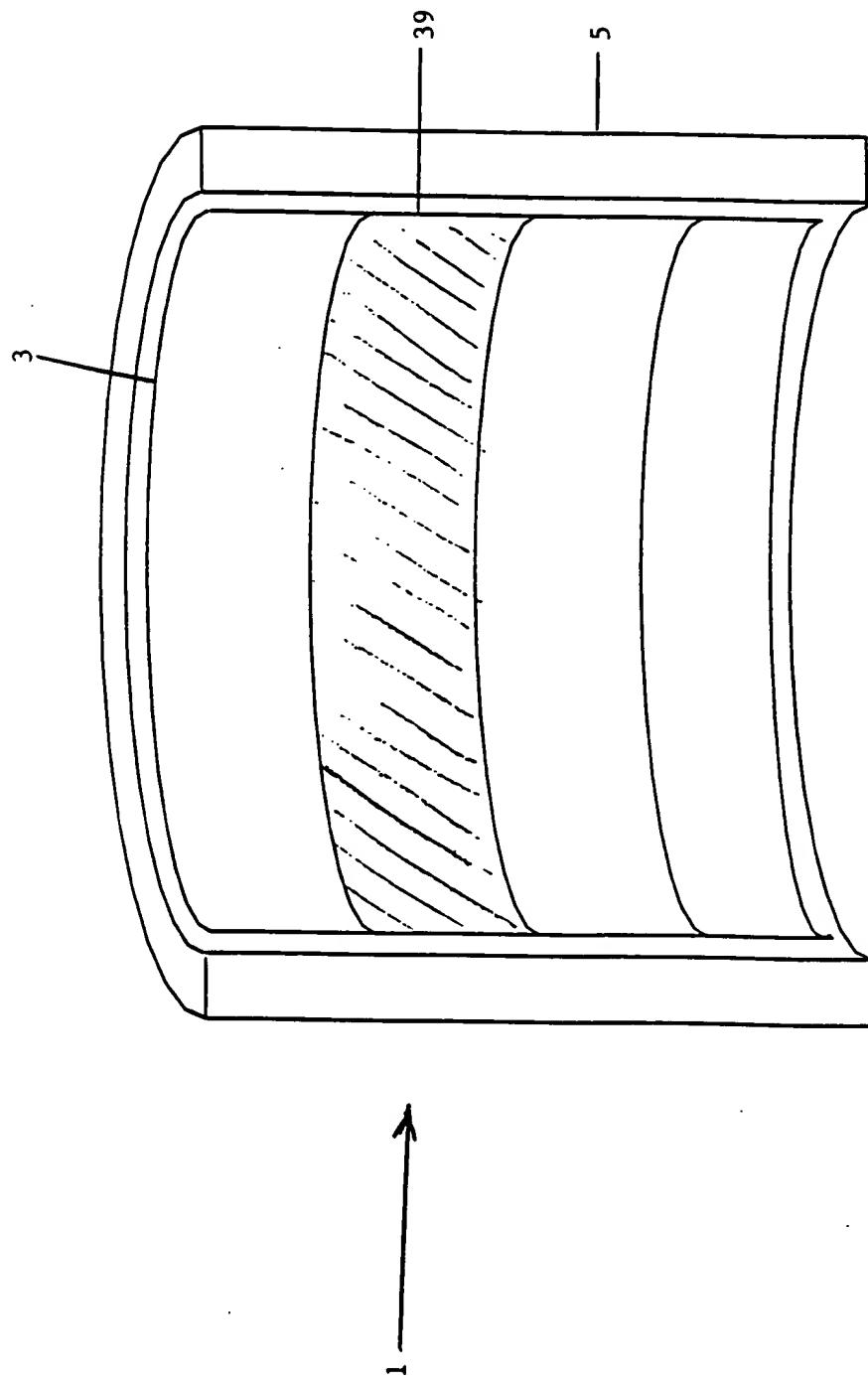
**Remote Controlled/Self Contained Flexible/Cylindrically Shaped
Multiple Unit Cell for Bone Regrowth and Other Applications
Having Elongated Type Active Region**

FIG. 17



Remote Controlled/Self Contained Flexible/Cylindrically Shaped
Multiple Unit Cell for Bone Regrowth and Other Applications
Having Radial/Helical Type Active Region

FIG. 18



**Remote Controlled/Self Contained Flexible/Cylindrically Shaped
Multiple Unit Cell for Bone Regrowth and Other Applications
Having Any Type Activated Region Having Multiple
Field/Current-Voltage Control Sensors**

FIG. 19

